**Era Theme Parks DUE DATE: 11/11/14**

*Create a written proposal for each of the four major geologic time Eras: Precambrian time, Paleozoic Era, Mesozoic Era, and Cenozoic Era (minus the Holocene Epoch) . The proposal should include a model that diagrams the location, size, and details of the parks' different features. Students should use the Pages App to create the written proposal and the Educreations App (or another approved App) to create the model of each theme-park.*

*This is a major assignment and is worth 100 pts total. There are four Eras and each Era must include a proposal that lists the different plants and animals that will be featured in the theme park. Also, each Era's theme park must have a model that communicates where displays, activities, and features are located. The model must have an appropriate scale and features must be drawn in a way that is consistent with the scale.*

*Grading is 20 pts per Era: 10 pts for written proposal (1 page or less, with citations/references) and 10 pts for the model. Students will present their theme park proposals and models to their peers in a 5 minute oral presentation. The 5 minute presentation is worth 20 pts. There is a total of 100 pts for the project.*

**\*This assignment will be completed individually\***

**\*\*Looking for a 3-5 minute presentation \*\***

**Oral presentation must include the following components:**

* **Explanation of why you chose certain plant and animals for your theme park**
* **Explanation of what events led to the start/end of each Era (mass extinctions and significant events should be discussed)**
* **Explanation of each theme park's layout and features**

**Written proposal must include the following components:**

* **List of plants and animals to be included in the the theme park**
* **At least 5 displays of plants and/or animals, 1 activity for park visitors, and 1 major feature**
* **Explanations of the displays, activities, and major features. Why did you choose the plants/animals, features, and activities that you put in the theme park?**

**Model must include the following components:**

* **Appropriate size and scale; accurate depiction of the theme-park's displays, features, and displays**
* **Must communicate clearly the appearance of the theme park as described in the proposal**

**GRADING RUBRIC:**

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| --- | --- | --- | --- |
|  | **1-4 points** | **5-8 points** | **9-10 points** |
| **Written Proposal for Theme Park**  **(4X)** | **Proposal did not include accurate information on plants/animals of the Era; did not meet minimum feature requirements** | **Proposal included mostly accurate information on plants/animals of the Era; did meet minimum feature requirements** | **Proposal detailed and accurate information on plants/animals of the Era; did meet or exceed minimum feature requirements** |
| **Model of Theme Park**  **(4X)** | **The model of the theme park had a poor layout, did not consider traffic flow, was not to scale, and was difficult to interpret** | **The model of the theme park had an acceptable layout, barely considered traffic flow, was mostly to scale, and was fairly easy to interpret** | **The model of the theme park had an outstanding layout, considered traffic flow, was to scale, and was easy to interpret** |
| **Oral Presentation**  **(2X)** | **Little explanation was offered about the theme parks' design and features** | **An adequate explanation was offered about the theme parks' design and features** | **An outstanding explanation was offered about the theme parks' design and features** |
| **TOTAL Points possible** |  |  | 100 **points total** |

**\*\* A minimum of three outside sources must be cited from your research for your presentation. The source must be either a .org, .edu, or .gov website. No Wikipedia!\*\***

**EXTENSION:**

**Research the different theories about how the dinosaurs went extinct. Which theory has the most evidence to support it? What evidence, specifically, supports the different theories of how/why the dinosaurs went extinct? Include answers to these questions in your oral presentation. Feel free to create a short presentation that communicates what you learned from your research. Make sure to cite sources...**